



AH Centrifugal Sludge Pump For Conveying Strong Abrasive Slurry Electric

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: horizontal-slurrypump.com
- Certification: ISO
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: based on quantity
- Packaging Details: wooden case
- Delivery Time: 15days
- Supply Ability: 100 sets monthly



Product Specification

- Product Name: 10 / 8 ST AH Heavy Duty Centrifugal Slurry Pump
- More Application: Heavy Duty Centrifugal Slurry Pump
- Material: R27, Cr15Mo3, A05
- MQQ: 1 Set
- From: China
- Application: Sewage,mining,Transfer Slurry
- Power: Electric Or Diesel
- Feature: High Efficiency,Heavy Duty,High Quality,High Flow
- Head: 11-61m
- Highlight: **rubber lined pumps**

Product Description

10 / 8 ST AH Heavy Duty Centrifugal Slurry Pump Suitable For Conveying Strong Abrasive Slurry

Main introduction of slurry pump

The 10 / 8 ST AH Heavy Duty Centrifugal Slurry Pump is a cantilever, horizontal centrifugal slurry pump with a double pump housing construction. The pump body and pump cover are equipped with a replaceable metal lining or rubber lining. The lining can be used until wear-through, no replacement, extended maintenance cycle and reduced operating costs.

Because the AH pump has thick bearing parts and heavy-duty brackets, it is suitable for conveying strong abrasion, high concentration slurry or low concentration high lift slurry. It can be connected in multiple stages within the maximum allowable working pressure range of the pump. use.

The 10 / 8 ST AH Heavy Duty Centrifugal Slurry Pump is suitable for conveying strong abrasion and high concentration slurry in metallurgy, mining, coal, electric power, building materials and other industrial sectors.

Specifications

Pump Model	10 / 8 ST AH
Allowable Max.Power	560 kw
Capacity	612 - 1368 m³/h
Head	11 - 61 m
Speed	800 - 1550 r/min
Meax.Eff.	71 %
NPSH	4 - 10 m
Impeller Diameter	686 mm

Features

Single stage, single suction, overhang shaft, centrifugal, double-casing horizontal pump, Wet ends are made of abrasive resistant hard metal or rubber.

Base - High strengthened base is connected with Frame Plate by bolts; The Adjusting Bolt under the Bearing Assembly realize easy adjustment to impeller clearance.

Bearing Assembly:

- High rigidity shaft to handle heavy duty work condition;
- Cartridge bearing assembly jointed with base by bolts;
- Grease Lube bearings fitted in sealed bearing housing, the two labyrinth on both ends prevent the grease from contamination.

Shaft Sleeve - Clearance fit between solid solution treated stainless steel shaft sleeve and shaft as well as the O-rings on both ends prevent the shaft from abrasion and erosion.

Casing - Made of Gray Iron or Ductile Iron, Ribs help casing to stand high pressure.

Impeller - Pump out vanes on both shrouds reduces recirculation and seal pressure.

Wet Ends - Impellers, liners, volutes made of High-Chrome alloy or rubber, both materials are interchangeable.

The pump we do

AH(R)	L(R), M	HH	SP(R)	G	AF Series
1.5/1B-AH(R)	20A-L	1.5/1 C-HH	40PV-SP(R)	6/4D-G	2QV-AF
2/1.5B-AH(R)	50B-L(R)	3/2D-HH	65QV-SP(R)	8/6E-G	3QV-AF
3/2C-AH(R)	75C-L	4/3E-HH	100RV-SP(R)	10/8F-G	6SV-AF
4/3C-AH(R)	100 D-L	4/3X-HH	150SV-SP(R)	10/8S-G	8SV-AF
6/4D-AH(R)	150E-L	6/4F-HH	200SV-SP	12/10G-G	
6/4E-AH(R)	300S-L	6/4X-HH	250TV-SP	14/12G-G	
8/6E-AH(R)	10/8 R-M	6S-H		14/12T-G	
8/6R-AH(R)	10/8 E-M	8/6S-H		16/14 G-G	
10/8F-AH(R)		8/6X-H		16/14TU-GH	
10/8X-AH(R)		6S-HP		16/14H-GH	
12/10ST-AH(R)		8/6S-HP		18/16G-G	
14/12ST-AH(R)		8/6X-HP		18/16TU-GH	
16/14TU-AH(R)					
20/18G(TU)-AH(R)					

Application of slurry pump

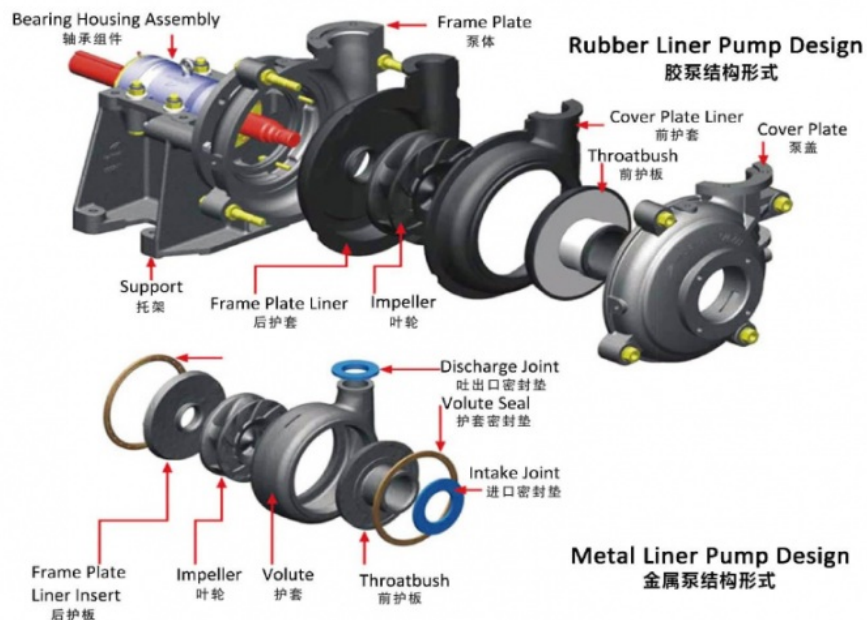
Slurry pump can be widely used in mines, electric power, metallurgy, coal, environmental protection and other industries transport slurry containing abrasive solid particles. Such as metallurgical mill pulp conveying, hydraulic ash thermal power plants, coal washery coal slurry and heavy media delivery, dredging river, river dredging, etc. In the chemical industry, also can carry some corrosive slurry containing crystallization.

Performance table

MODEL	ALLOWABLE MATING MAX.POW	MATERIAL		CLEAN WATER PERFORMANCE					IMPELLER	
		LINE	IMPEL	Q Capacity	H Head	Speed	Max. Eff.	NPSH	VANES NO.	IMPELLER DIA

	ER (KW)	R	LER	m3/h	L/s	(m)	n(r/min)	(%)	(m)		(mm)
1.5/B-AH	15	M	M	12.6-28.8	3.5-8	6-68	1200-3800	40	2--4	5	152
		RU	RU	10.8-25.2	3--7	7-52	1400-3400	30		3	
1/1.5B-AH	15	M	M	16.2-34.2	4.5-9.5	25-92	1400-2200	20	2-5.5	5	330
2/1.5B-AH	15	M	M	32.4-72	9--20	6-58	1200-3200	45	3.5-8	5	184
		RU	RU	25.2-54	7--15	5.5--41	1000-2600	50	2.5-5	5	178
3/2C-AH	30	M	M	39.6-86.4	11--24	12-64	1300-2700	55	4--6	5	214
		RU	RU	36-75.6	10--21	13-46	1300-2300	60	2--4	5	213
3/2D-HH	60	M	M	68.4-136.8	19-38	25-87	850-1400	47	3-7.5	5	457
4/3C-AH	30	M	M	86.4-198	24-55	9-52	1000-2200	71	4--6	5	245
		RU	RU	79.2-180	22-50	5-34.5	800-1800	59	3--5		
4/3E-HH	120	M	M	126-252	35-70	12-97	600-1400	50	2--5	5	508
6/D-AH	60	M	M	162-360	40-100	12-56	800-1550	65	5--8	5	365
		RU	RU	144-324	40-90	12-45	800-1350	65	3--5	5	365
6/4S-HH	560	M	M	324-720	90-200	30-118	600-1000	64	3-8	5	711
6S-HH	560	M	M	468-1008	130-280	20-94	500-1000	65	4-12	5	711
8/6E-AH	300	M	M	360-828	100-230	10-61	500-1140	72	2-9	5	510
		RU	RU	324-720	90-200	7-49	400-1000	65	5-10	5	510
10/8E-M	120	M	M	666-1440	185-400	14-60	600-1100	73	4-10	5	549
10/8ST-AH	560	M	M	612-1368	170-380	11-61	400-850	71	4-10	5	686
		RU	RU	540-1118	150-330	12-50	400-750	75	4-12		
12/10S T-AH	560	M	M	936-1980	260-550	7-68	300-800	82	6	5	762
		RU	RU	720-1620	200-450	7-45	300-650	80	2.5-7.5		
14/12S T-AH	560	M	M	1260-2772	350-770	13-63	300-600	77	3-8	5	965
		RU	RU	1152-2520	320-700	13-44	300-500	79	3-10		
16/14T U-AH	1200	M	M	1368-3060	380-850	11-63	250-550	79	4-10	5	1067
20/18T U-AH	1200	M	M	2520-5400	700-1500	13-57	200-400	85	5-10	5	1370

Construction Design



 **ROMAN** Beijing Silk Road Enterprise Management Services Co.,LTD

 86-17773109286

 jeffreyth@slurrypump.com

 horizontal-slurrypump.com

Floor 5, 2nd Building, Zhonglu Industrial Zone, Shenzhen City, Guangdong Province China (Mainland)